

# M•LOCKS

**E-Pass  
EP8050HL  
EP8050HU**

**Mounting  
instructions  
V01 EN**



**M•LOCKS BV**

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EP8050 HL



EP8050 HU

## 1 IMPORTANT INSTRUCTIONS

- Before mounting the lock, please read the instructions for use carefully.
- Ensure that you **only** program the lock when the **safe is open**.  
After changing the code, always try the code several times with the safedoor open.
- **Only after several positive function test (opening / closing) the safedoor can be closed.**
- Each key entry is confirmed by an audible tone and visual signal. These signals are not referred to in the description that follows.
- You have a maximum of 10 seconds for each key entry. If you do not make an entry via the keypad during this period of 10 seconds, the entry procedure will automatically abort. You must then start again from the beginning.
- After entering a valid code, you will hear two audible tones. An invalid entry will trigger a long tone.
- If you accidentally enter an invalid code at the first attempt, you must wait 20 seconds before you re-enter the code.

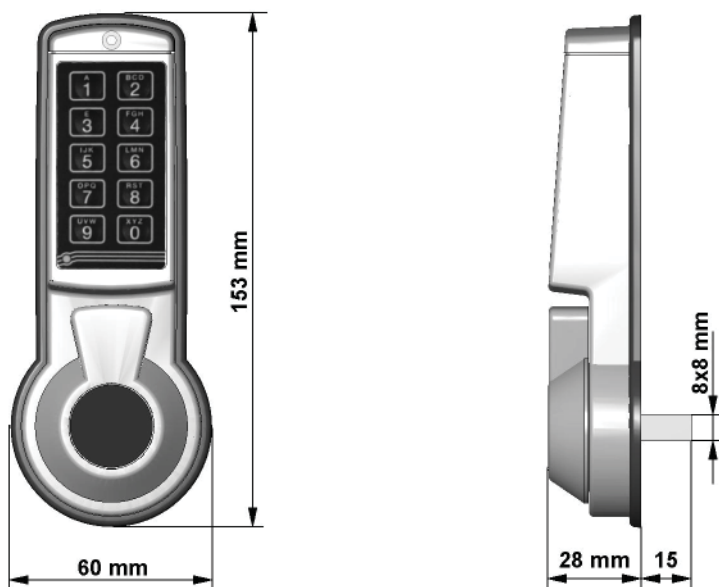
### Caution!

- The lock has been designed for use in a temperature range from +10°C to +50°C and a non-condensing humidity range from 30% to 80%.
- It may only be cleaned with a moist cloth (do not use aggressive cleaning agents).
- The lock may only be installed by qualified fitters.
- The lock may not be lubricated.
- Never open the lock housing. If it is necessary to disassemble the hardware, only do so in accordance with the technical instructions. If you fail to do so, the lock may no longer function properly and you will forfeit your right to warranty.

## 2 CHARACTERISTICS

The E-Pass features a 6-digit manager code that can be changed. With the manager code up to 9 user codes (depending on lock version) can be activated and deleted. The lock secures with a solenoid that blocks the shaft/knob movement. When a valid code has been entered, the lock electronics removes the blocking for 3 seconds and the knob can be moved into OPEN position. When moving the handle into LOCKED position the E-Pass automatically secures. The E-Pass is delivered with manager code only (1-2-3-4-5-6) and right handed (RH) opening. With a small adjustment (see page 4), the lock can be changed to left hand (LH) opening. HU-version is mounted vertical as shown, HL-version is mounted horizontal.

### 3 DIMENSIONS



The required hole-diameter varies depending on the material of the mounting surface. 2.5 mm, as shown in the drawing, is suggested for thin sheet metal.

### 4 MOUNTING INSTRUCTIONS

#### a. Changing handing (if necessary)

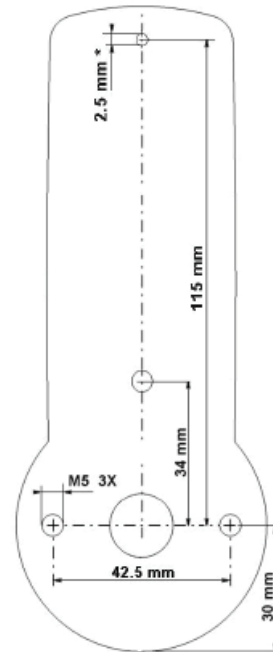
To change the unit from right handed (RH) opening to left handed (LH), unscrew the handle before applying the label. Pull the black disk off the spindle and flip it around. It should show "LH" engraved now. Push the disk back in place and affix the handle with the screw. The unit now opens by turning the handle towards left (counterclockwise).



## b. Mounting

Mount the E-Pass housing with 3 M5 screws (not included). The tightness or looseness of the handle movement depends on the torque applied to the mounting screws. Adjust the screws so the handle operates to your liking. Use Loctite™ to fix the screws.

Cover the screw in the handle with the label.



## c. Insert battery

To insert a battery, slide the cap off the unit. Connect one (1) battery to the battery clip. Only use fresh 9V alkaline Duracell, Energizer or Duracell Industrial batteries. Insert battery as shown. Align cap in the little track of the housing and slide back on.

The battery cover features a positive snap to lock it to the unit. For additional protection against sliding off, use the provided screw.

If the screw is not used the hole can be covered with the small label.



# 5 FUNCTIONAL TEST

## a. Check the keypad

If the lock does not react, follow the procedure below to check that your keypad is working.

**Press and hold key '5'** until you hear a double tone. The LED will illuminate when performing the following actions:



Next, press all of the keys in one by one and one after the other



If the key = OK 🎵

If the key = not OK 🎵, the test will be aborted.

If one or more keys do not operate properly, please contact your supplier.

### b. Mechanical test

Enter code (1,2,3,4,5,6) and turn handle slightly towards LOCKED position to release blocking. Immediately turn towards OPEN position. The handle must be moving freely.



Standard (Right Hand) opening



LH

Left Hand opening

Turn handle towards locked position. The lock must automatically secure.

**Repeat the mechanical test several times before locking the door.**

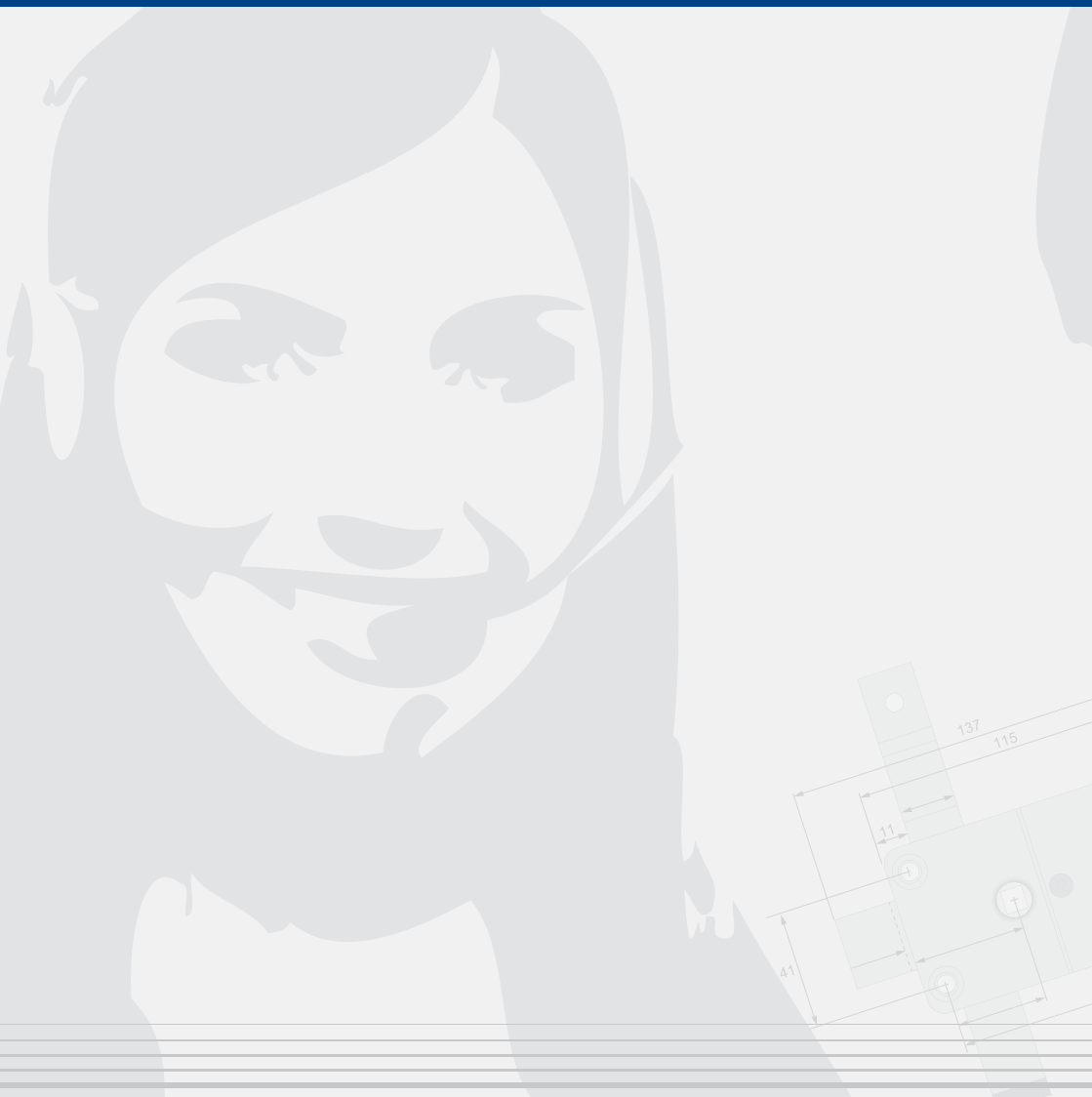
## 6 DATA SHEET

<b>EP8050HL / EP8050HU</b>	
Opening	Manual
Locking	Manual
Blocking element	Solenoid
Mounting dimensions	Not standard

<b>Stroomvoorziening</b>		9V Alkaline Duracell, Duracell Industrial or other Energizer block batterrie
	Codes	10 (6-digit)
	Manager Codes	1
	Users Codes	9
	Time delay / Open Window	01-99 min / 1-19 min
	Battery low signal	Yes
	Manipulation Protection	5 minute lockout after 4 consecutive wrong codes

## 7 NOTES

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